

- Priority*
- 81. The expression vector of claim 79 wherein said nucleic acid sequence has the nucleotide sequence of bases 129 through 1187 of SEQ ID NO: 1
 - 82. A host cell transformed to express a protein or peptide encoded by the nucleic acid sequence of claim 76.
 - 83. A host cell transformed to express a protein or peptide encoded by the nucleic acid sequence of claim 77.
 - 84. A host cell of claim 59 wherein said host cell is *E.coli*.
 - 85. Purified Japanese cedar pollen allergen *Cry j I* or at least one antigenic fragment thereof produced in a host cell transformed with the nucleic acid sequence of claim 77.
 - 86. Purified Japanese cedar pollen allergen of claim 57 wherein said Japanese cedar pollen allergen binds immunoglobulin E to a substantially lesser extent than purified native Japanese cedar pollen allergen binds said immunoglobulin E.
 - 87. A protein preparation comprising chemically synthesized Japanese cedar pollen allergen *Cry j I* or at least one fragment thereof.
 - 88. An isolated antigenic fragment of an allergen from Japanese cedar pollen.
 - 89. The antigenic fragment of claim 88 wherein said allergen from Japanese cedar pollen is *Cry j I*.
 - 90. The antigenic fragment of claim 89 wherein said antigenic fragment comprises at least one T cell epitope.
 - 91. The antigenic fragment of claim 90 wherein said antigenic fragment has minimal immunoglobulin E stimulating activity.
 - 92. The antigenic fragment of claim 90 wherein said antigenic fragment does not bind immunoglobulin E specific for Japanese cedar pollen or if binding of the fragment to said immunoglobulin E occurs, such binding does not result in histamine release from mast cells or basophils.
 - 93. The purified allergen or antigenic fragment of claim 60 wherein said purified allergen or said antigenic fragment is capable of modifying, in a Japanese cedar pollen-sensitive individual to which it is administered, the allergic response to Japanese cedar pollen.
 - 94. The antigenic fragment of claim 89 wherein said allergen from Japanese cedar pollen is *Cry j I*.
 - 95. The purified allergen or antigenic fragment of claim 93 wherein said purified allergen or said antigenic fragment is capable of modifying B-cell response of the individual to a Japanese cedar pollen allergen, T-cell response of the individual to a